MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

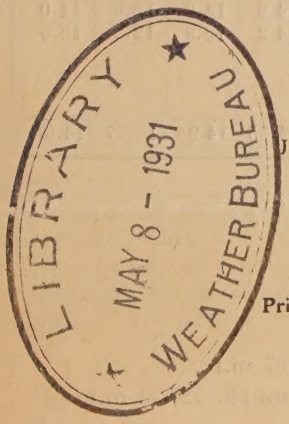
FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″



FEBRUARY, 1931

J. A. BROWN, DIRECTOR

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FEBRUARY 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	64.5	61.4	59.6	61.8	17.6	13.4	15.9	17.1	15.6	16.2
2	58.5	57.9	8.0	58.1	18.8	13.1	14.8	18.2	14.2	15.8
3	7.6	8.2	8.4	8.1	16.2	11.9	14.4	10.8	12.4	12.5
4	8.8	8.4	8.8	8.7	13.4	9.9	11.6	12.2	9.9	11.2
5	60.0	60.0	60.7	60.2	14.5	9.7	13.5	14.4	12.4	13.4
6	61.4	59.6	62.1	61.0	16.7	10.7	13.4	16.5	13.6	14.5
7	54.9	3.1	53.5	53.8	17.8	11.9	12.8	17.1	12.3	14.1
8	5.8	6.4	7.5	6.6	16.3	10.6	14.6	11.7	10.6	12.3
9	8.0	8.1	9.2	8.4	14.9	10.0	14.1	12.7	11.4	12.7
10	60.8	60.1	60.4	60.4	16.3	10.6	12.4	16.6	13.0	14.0
11	56.1	54.6	55.0	55.2	16.7	11.8	15.3	11.7	10.3	12.4
12	4.0	4.7	6.4	5.0	13.9	9.2	11.1	12.9	11.2	11.7
13	3.5	6.4	8.9	6.3	14.9	10.0	13.2	13.8	13.3	13.4
14	62.2	63.1	63.4	62.6	16.3	11.5	12.2	16.0	13.1	13.8
15	4.8	3.8	3.8	4.1	18.8	11.4	14.9	18.3	16.6	16.6
16	63.3	59.8	61.4	61.5	20.5	14.2	19.3	18.4	18.1	18.6
17	2.3	61.6	1.7	1.8	20.3	14.3	17.6	19.3	16.2	17.7
18	2.4	3.0	3.5	2.9	18.9	13.8	16.9	17.8	15.3	16.7
19	5.8	4.9	2.2	4.3	18.3	12.3	16.2	18.0	14.9	16.4
20	2.1	4.1	4.3	3.5	18.0	11.8	15.6	17.4	15.9	16.3
21	65.7	63.7	63.7	64.4	18.7	11.9	16.3	17.9	14.7	16.3
22	2.9	1.0	0.3	1.4	19.9	13.6	17.4	19.3	15.0	17.2
23	59.2	0.3	0.7	0.1	20.0	13.4	15.7	15.4	13.4	14.8
24	9.6	59.4	59.5	59.5	17.7	11.1	15.5	15.4	13.4	14.8
25	60.3	60.3	60.4	60.4	17.6	11.1	12.9	15.4	13.2	13.8
26	61.6	62.0	63.0	62.0	16.6	9.8	13.5	15.9	14.8	14.7
27	3.8	3.2	3.5	3.5	16.2	11.3	14.9	14.8	12.3	14.0
28	2.5	2.2	3.5	2.7	15.6	11.0	14.2	13.9	12.8	13.6
	60.44	60.05	60.48	60.30	17.19	11.62	14.65	14.96	13.57	14.60

Barometer, Range for month 753.1-765.8 m.m.
„ 50-yr. average for month 762.3 m.m.
Thermometer, Range for month 9.°2-20.°5
, 50-yr. average for month 14.32
Rain, total for month 250.75 m.m.
„ , 50-yr average for month 150.88 m.m.
„ , total. Sept. 1st to end of month 757.97 m.m.
„ , 50-yr. average, Sept 1st to end of month. 727.72 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.2	13.4	10.5	9.5	9.7	7.0	8.7	72	68	54	65	10.0	
2	9.6	12.4	11.5	6.5	7.8	8.6	7.3	52	51	72	58	8.8	0.51
3	11.0	10.0	10.4	8.0	8.7	8.3	8.3	65	90	78	78	2.8	14.68
4	10.1	11.1	9.7	8.3	9.1	8.7	8.7	82	86	94	87	0.2	43.38
5	11.8	13.3	11.1	9.3	10.7	9.1	9.7	81	88	84	84	2.0	25.98
6	12.1	13.4	11.9	9.7	9.6	9.3	9.5	84	69	81	78	9.1	
7	10.6	12.6	11.7	8.3	8.4	9.9	8.8	76	59	93	76	0.8	10.67
8	12.7	11.1	9.7	9.8	9.4	8.2	9.1	80	91	83	85	3.8	17.39
9	11.9	11.4	11.1	9.1	9.3	9.6	9.3	76	86	95	86	0.7	14.48
10	11.1	13.4	11.3	8.9	9.6	8.9	9.1	83	68	81	77	7.6	
11	12.6	11.4	9.5	9.3	9.9	8.4	9.2	72	97	90	86	3.4	19.76
12	10.3	12.1	9.4	8.9	10.0	7.8	8.9	90	90	78	86	2.0	21.13
13	11.4	11.7	10.8	9.5	8.9	8.3	8.9	89	76	72	79	3.3	2.64
14	11.4	13.4	11.7	9.5	9.8	9.5	9.6	90	74	85	83	2.3	
15	11.5	15.7	14.7	8.3	11.5	11.2	10.3	65	74	79	73	10.0	
16	14.2	16.6	12.6	9.2	12.8	8.0	10.0	55	81	51	62	3.2	
17	14.5	16.6	12.7	10.4	12.2	8.9	10.5	69	73	65	69	10.0	
18	14.6	15.6	12.7	10.8	11.8	9.3	10.3	76	78	72	75	8.2	
19	13.4	14.7	12.8	9.8	10.4	9.8	10.0	72	67	78	72	9.1	
20	11.4	13.1	12.9	7.9	8.8	9.4	8.7	60	60	71	64	10.2	
21	12.1	14.9	12.2	8.2	10.8	9.2	9.4	59	71	74	68	10.4	
22	13.5	14.4	12.3	9.2	9.5	9.1	9.3	62	57	72	64	7.7	3.56
23	13.3	12.1	11.0	9.9	8.7	8.4	9.0	75	67	73	72	3.2	4.57
24	11.9	12.3	12.7	8.5	8.9	10.5	9.3	65	68	91	75	5.2	19.35
25	12.6	13.7	11.9	10.6	10.5	9.6	10.2	96	81	84	87	3.0	20.93
26	12.0	12.9	12.4	9.6	9.3	9.3	9.4	83	70	75	76	5.8	4.39
27	12.7	12.7	11.4	9.6	9.6	9.5	9.6	77	76	89	81	2.8	11.99
28	12.3	12.2	11.2	9.5	9.5	9.0	9.3	79	80	82	80	4.0	15.44
	12.13	13.15	11.56	9.14	9.83	9.03	9.30	74.4	74.8	78.4	75.9	5.34	8.95

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

FEBRUARY 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1cu	8ci	2cu	3.7	0	1n	1e	225.8	light	
2	0	1cu	8cu	3.0	0	1w	1s	316.9	„	
3	8st	10ni	10ni	9.3	0	1w	1s	607.2	mod.	
4	10cu	10ni	10ni	10.0	0	2sw	1sw	817.1	light	hail in p.m.
5	10ni	8cu	8cu	8.7	0	1w	0	491.1	„	lightning in N
6	1cu	2cu	1cu	1.3	0	1w	0	308.4	calm	
7	10stcu	10ni	10ni	10.0	0	0	1s	81.3	calm	
8	1cu	10ni	10ni	7.0	0	0	1se	650.9	„	
9	10stcu	10ni	10ni	10.0	1sw	1sw	0	657.7	light	
10	8cicu	4stcu	1cu	4.3	0	1sw	1se	496 5	„	
11	8ci	10ni	10ni	9.3	1nw	1w	1se	163.0	mod.	thunderst.
12	8cu	10ni	10ni	9.3	0	3w	3w	584.7	rough	
13	10ni	10stcu	2stcu	7.3	3sw	3w	1sw	810.3	rough	
14	10ni	10stcu	0	6.7	0	0	1sw	267.7	calm	
15	0	0	0	0.0	0	0	0	16.3	„	
16	8stcu	8stcu	0	5.3	0	0	1e	125.2	„	
17	0	0	0	0.0	0	0	0	78.3	„	
18	4stcu	2stcu	2stcu	2.7	1w	1w	0	265.5	„	
19	0	1cu	0	0.3	0	0	0	85.3	„	
20	1cu	0	0	0.3	1ne	1nw	0	84.2	„	
21	0	0	0	0.0	0	0	0	20.9	„	
22	1cu	7ci	7ci	5.0	0	0	0	64.4	„	
23	5cu	10stcu	4stcu	6.3	0	1w	1se	440.6	rough	
24	8stcu	10stcu	5stcu	7.7	1w	1w	1se	565.7	„	
25	10ni	10ni	10ni	10.0	0	0	1sw	488.6	„	
26	10ni	6stcu	10ni	8.7	2w	1w	1sw	503.1	„	
27	2cu	10stcu	10stcu	7.3	0	0	2sw	344.9	light	
28	10stcu	10stcu	10ni	10.0	0	0	1sw	332.1	calm	
					10	21	21			
				5.84	0.4	0.8	0.8	353.34		

M.P.H.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	0	2	3	1	21
14:30	1	0	0	0	0	3	11	1	12
20.30	0	0	3	4	3	7	1	0	10
Totals	1	1	3	4	3	12	15	2	43

Number of days with rain 17, fog 0, thunderstorms 1, gales 0

50-yr average number of days with rain during month 13.6